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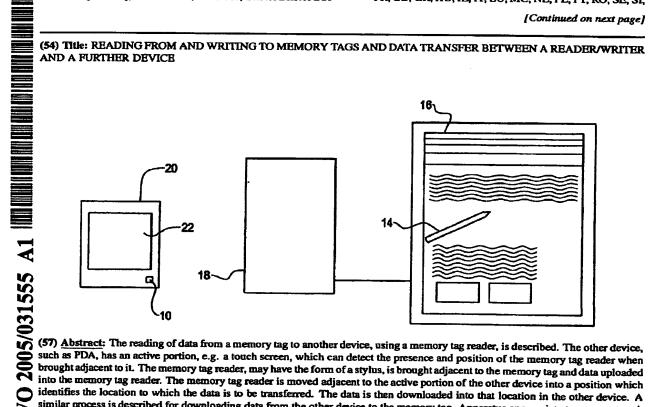
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[Continued on next page]



into the memory tag reader. The memory tag reader is moved adjacent to the active portion of the other device into a position which identifies the location to which the data is to be transferred. The data is then downloaded into that location in the other device. A similar process is described for downloading data from the other device to the memory tag. Apparatus appropriate to carry out each stage of these processes is described.

### PATENT COOPERATION TREATY

### **PCT**

### INTERNATIONAL PRELIMINARY REPORT ON PATENTABILITY (Chapter I of the Patent Cooperation Treaty)

(PCT Rule 44bis)

Applicant's or agent's file reference 200300535-02 WO	FOR FURTHER ACTION	See item 4 below				
International application No. PCT/EP2004/052320	International filing date (day/month/year) 27 September 2004 (27.09.2004)	Priority date (day/month/year) 27 September 2003 (27.09.2003)				
International Patent Classification (8th edition unless older edition indicated) See relevant information in Form PCT/ISA/237						
Applicant HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.						

1.	This international preliminary report on patentability (Chapter I) is issued by the International Bureau on behalf of the International Searching Authority under Rule 44 bis.1(a).						
2.	This REPORT consists of a total of 7 sheets, including this cover sheet.						
	In the attached sheets, any reference to the written opinion of the International Searching Authority should be read as a reference to the international preliminary report on patentability (Chapter I) instead.						
3.	This report contains indications relating to the following items:						
	Box No. I	Basis of the report					
	Box No. II	Priority					
	Box No. III	Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
	Box No. IV	Lack of unity of invention					
	Box No. V	Reasoned statement under Article 35(2) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement					
	Box No. VI	Certain documents cited					
	Box No. VII	Certain defects in the international application					
	Box No. VIII	Certain observations on the international application					
4.	The International Bureau will c not, except where the applicant date (Rule 44bis .2).	ommunicate this report to designated Offices in accordance with Rules 44bis.3(c) and 93bis.1 but makes an express request under Article 23(2), before the expiration of 30 months from the priority					
		Date of issuance of this report 27 March 2006 (27.03.2006)					

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Facsimile No. +41 22 740 14 35 Form PCT/IB/373 (January 2004)

The International Bureau of WIPO 34, chemin des Colombettes 1211 Geneva 20, Switzerland

PATENT COOPERATION TREATY REC'D 0 2 FEB 2003 From the INTERNATIONAL SEARCHING AUTHORITY To: WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY see form PCT/ISA/220 (PCT Rule 43bis.1) Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet) Applicant's or agent's file reference FOR FURTHER ACTION See paragraph 2 below see form PCT/ISA/220 Priority date (day/month/year) International filing date (day/month/year) International application No. 27.09.2003 27.09.2004 PCT/EP2004/052320 International Patent Classification (IPC) or both national classification and IPC G06F3/033, G06K17/00 Applicant HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. This opinion contains indications relating to the following items: Basis of the opinion ☑ Box No. I ☐ Box No. II Non-establishment of opinion with regard to novelty, inventive step and industrial applicability ☑ Box No. III Lack of unity of invention ☐ Box No. IV Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Certain documents cited ☐ Box No. VI ☑ Box No. VII Certain defects in the International application ☐ Box No. VIII Certain observations on the international application **FURTHER ACTION** If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA"). However, this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of three months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. For further details, see notes to Form PCT/ISA/220. Authorized Officer Name and mailing address of the ISA:

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# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/EP2004/052320

_	Box No	. 1 Basis of the opinion
١.	With re	gard to the <b>language</b> , this opinion has been established on the basis of the international application in guage in which it was filed, unless otherwise indicated under this item.
	ian	s opinion has been established on the basis of a translation from the original language into the following guage , which is the language of a translation furnished for the purposes of international search der Rules 12.3 and 23.1(b)).
2.	With re	gard to any <b>nucleotide and/or amino acid sequence</b> disclosed in the international application and ary to the claimed invention, this opinion has been established on the basis of:
	a. type	of material:
		a sequence listing
		table(s) related to the sequence listing
	b. form	at of material:
		in written format
		in computer readable form
	c. time	of filling/furnishing:
		contained in the international application as filed.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority for the purposes of search.
3	h	addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto as been filed or furnished, the required statements that the information in the subsequent or additional opies is identical to that in the application as filed or does not go beyond the application as filed, as oppropriate, were furnished.
4	. Additi	onal comments:

# WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/EP2004/052320

			in the and industrial		
Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability					
The questions whether the claimed invention appears to be novel, to involve an inventive step (to be non obvious), or to be industrially applicable have not been examined in respect of:					
	the entire international application,				
Ø	claims Nos. 24-36, 40-42				
because:					
	the said international application, or the said claims Nos. relate to the following subject matter which does not require an international preliminary examination (specify):				
	the description, claims or drawings (indicate particular elements below) or said claims Nos. are so unclear that no meaningful opinion could be formed (specify):				
	the live New are as inadequately supported by the description that no meaningful opinion				
⊠	no international search report has been established for the whole application or for said claims Nos. 24-36, 40-42				
	the nucleotide and/or amino acid sequence listing does not comply with the standard provided for in Annex C of the Administrative Instructions in that:				
·	the written form		has not been furnished		
			does not comply with the standard		
	the computer readable form		has not been furnished		
			does not comply with the standard		
	the tables related to the nucleotide and/or amino acid sequence listing, if in computer readable form only, do not comply with the technical requirements provided for in Annex C-bis of the Administrative Instructions.				
	See separate sheet for further	detai	ils		

## WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/EP2004/052320

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)

Yes: Claims

1-9,37,38

No:

Claims

10-23,39

Inventive step (IS)

Yes: Claims

1-9,37

No: Claims

38

Industrial applicability (IA)

Yes: Claims

1-23,37,38,39

No: Claims

2. Citations and explanations

see separate sheet

Box No. VII Certain defects in the International application

The following defects in the form or contents of the international application have been noted:

see separate sheet

### Re Item V

1 Reference is made to the following documents:

D1: WO 03/073368 A2 (MICRO-SENSYS GMBH; JURISCH, REINHARD; PEITSCH, PETER; JAEGER, SYLVO) 4 September 2003 (2003-09-04)

D2: EP-A2-0 987 646 (BRADY WORLDWIDE, INC) 22 March 2000 (2000-03-22)

Document D1 discloses a method for transferring data from a memory tag to another device, i.e. a computer, by using a pen type RFID tag reader. The reader interacts with the touch screen of the computer, which displays on its screen various function keys (453). When the tag reader is placed on such a screen location representing a key, corresponding data and instructions for RFID communication are transferred from the computer to the reader. The reader may then be brought close to a transponder for executing the usual RFID operations. Transponder data is transferred between the reader and the computer via a wireless link (see Figures 11 and 12 with the corresponding description).

Hence, the method according to claim 1 basically differs from the prior art in that the location where data from the reader is to be stored in the other device is identified by the position on the active portion (e.g. a touch screen) where the reader is placed after the read operation. This means, that the user may flexibly determine where the read data is moved after having read a tag, while according to D1 it is only possible to execute read and store operations that are in advance determined by the host computer before the tag is read.

Document D1 gives no hint to determine the storage location for the read data in the host computer as a function of the reader position after the data has been read. Therefore, **claim 1**, and as a consequence also dependent **claims 2-9**, meet the requirements of novelty and inventive step. Industrial applicability is obvious.

The above reasoning also applies to independent method **claim 37**, which is of similar scope as claim 1.

3. Independent method claims 10 and 38 concern data communication from the other

device (computer) to the tag by means of a reader. Here the functionality is the same as in the prior art according to D1, where the operation is started by touching a particular region of the touch screen with the reader. Hence **claims 10 and 38** can be read on D1 so that their subject-matter lacks novelty. The features added by dependent **claims 11 to 21** are also known from D1 (see the passages given in the search report).

Independent claims 22 and 39 are directed to a reader alone. Since the functionality of inserting data at a location identified by the position of the reader is part of the "other device", these claims can also be read on the reader according to D1. Consequently, their subject-matter lacks novelty.

### Re Item VII

### Certain defects in the international application

The independent claims are not in the two-part form in accordance with Rule 6.3(b) PCT, which in the present case would be appropriate, with those features which are known in combination from the prior art (document D1) being placed in the preamble (Rule 6.3(b)(I) PCT) and with the remaining features being included in the characterising part (Rule 6.3(b)(ii) PCT).

The features of the claims are not provided with reference signs placed in parentheses (Rule 6.2(b) PCT).

Contrary to the requirements of Rule 5.1(a)(ii) PCT, the relevant background art disclosed in documents D1 and D2 is not mentioned in the description, nor are these documents identified therein.